## Author Index to Volume 14

Alvisi, G., see Stevens, R.J. Aykut, M., see Bilgen, S.	14 (1987)123 14 (1987)305	Forestier, M., Berenblit, C., and Mercier, C., Communication Networks in a Traffic	14 (1007)1/7
		Management System	14 (1987)167
Baert, P., Cuypers, C. and De Schampheleire,		Franck, R., Who Really Does Need ISDN?	14 (1987)331
J., The Silent Force of the Screen. A Research Note on the Impact of Micro- electronics on Work Autonomy among		Frantzen, V., Trends in the Development of Public Telecommunication Networks	14 (1987)339
Clerical Workers in Public Administra-	14 (1987)267	Greenwood, R.T., see Stevens, R.J.	14 (1987)123
Basevi, E., Some Remarks on Videotex Inter- action. How to Write for a New Reader.	14 (1087)170	Janssens, G.K., Raes, J. and Staelens, D., An Implementation Approach for Local Area	
A Practical Research	14 (1987)179	Networks	14 (1987)365
Berenblit, C., see Forestier, M.	14 (1987)167	Jolkovski, A.W., see Maeght, Ph.E.	14 (1987)155
Bilgen, S., Aykut, M. and Ekinci, O., A Forms	14 (1007) 206	Jordaan, M.J. and Van Kampen, H., Digital	
Class Virtual Terminal Service Project Bolognesi, T. and Brinksma, E., Introduction to the ISO Specification Language	14 (1987)305	Technology for Business Communications	14 (1987)359
LOTOS	14 (1987) 25	Kaivers, R., Communication Analysis in the	
Brinksma, E., see Bolognesi, T.	14 (1987) 25	Company	14 (1987)199
Budkowski, S. and Dembinski, P., An Intro- duction to Estelle: A Specification Lan-	14 (1967) 23		11(150.)155
guage for Distributed Systems	14 (1987) 3	Lacoste, M., Communication in the Perspec- tive of Work Analysis	14 (1987)231
		Latrille, J., Socio-technical Aspects of Elec-	14 (1007) 000
Caneschi, F. and Merelli, E., An Architecture for an ASN.1 Encoder/Decoder	14 (1987)297	tronic Mail Implementation	14 (1987)283
Ćećez-Kecmanović, D., Organizational Knowledge Systems: An Investigation on		Maeght, Ph.E. and Jolkovski, A.W., Selective Facsmile: The Electronic Text Medium of	
Knowledge Communication Uncertainty Claisse, G. and Rowe, F., The Telephone in	14 (1987)221	the 21st Century? Maritorena, C., Presentation of a Description	14 (1987)155
Question: Questions on Communication	14 (1987)207	Language for Office Tasks	14 (1987)187
Cochrane, D., Easing the Migration into the		Mercier, C., see Forestier, M.	14 (1987)167
Future of Communications Technology	14 (1987)323	Merelli, E., see Caneschi, F.	14 (1987)297
Comer, D., Narten, T. and Yavatkar, R., The Cypress Coaxial Backbone Packet		Moens, L. and Valenduc, G., Assessment of Impacts of Telematics onto Industrial	(,
Switch	14 (1987)383	Structures	14 (1987)245
Cuypers, C., see Baert, P.	14 (1987)267	Morieux, Y.V.H., see Sutherland, E.	14 (1987)259
De Schampheleire, J., see Baert, P.	14 (1987)267	Notes To an Green D	14 (1007) 202
Dembinski, P., see Budkowski, S.	14 (1987) 3	Narten, T., see Comer, D.	14 (1987)383
Deschamps, M., see Stevens, R.J.	14 (1987)123	Nash, S.C. Format and Protocol Language (FAPL)	14 (1987) 61
Ekinci, O., see Bilgen, S.	14 (1987)305	Palme, J., Distributed Computer Conferenc-	
Endrizzi, A., The DUAL Backbone Network: Distributed and Parallel Processing on a		ing Pape, D.F., Communication within an In-	14 (1987)137
Large Scale Enslow Jr., Ph., Editorial (to Special Issue	14 (1987)373	dustrial Enterprise	14 (1987)237
"Conference on Communication and Data Communication)	14 (1987)117	Philippart, E., The Paradigms of Natural Sci- ences Dealing with Information and	14 (1007) 271
,	- ()	Communication in Sociology Pocock, R.A., Communicating in the Global	14 (1987)271
		Office	14 (1987)251
		Raes, J., see Janssens, G.K.	14 (1987)365
North-Holland		Rayner, D., OSI Conformance Testing	14 (1987) 79
Computer Networks and ISDN Systems 14 (19	987) 403–404	Rowe, F., see Claisse, G.	14 (1987)207

Rudin, H. and West, C.H., Formal Protocol Specification and Conformance Testing: Four Tutorial Papers (Editorial to Special Issue on "Protocol Specification and		Communication Tools for Data Communication Specialists. Formal Specification and Implementation of a File Transfer Protocol.	14 (1987)311
Testing")	14 (1987) 1	Tamine, J., Successful Implementation of an Office System	14 (1987)279
Saint-Remi, J., Data Networks and Their			
Users	14 (1987)159	Valenduc, G., see Moens, L.	14 (1987)245
Schuringa, T.M., Opening Speech (in Special Issue "Conference on Communication	4.4.4.0070.4.04	Van Binst, P. and Wilkin, L., Guest Editorial (to Special Issue "Conference on Com-	,
and Data Communication")	14 (1987)121	munication and Data Communication")	14 (1987)119
Severinson Eklundh, K., Explicit and Implicit Feedback in Computer-Mediated Com-		Van Heurck, Ph., TRASEC: National Secu-	
munication	14 (1987)147	rity System for EFTs in Belgium	14 (1987)389
Staelens, D., see Janssens, G.K.	14 (1987)365	Van Kampen, H., see Jordaan, M.J.	14 (1987)359
Stevens, R.J., Greenwood, R.T., Alvisi, G.	11 (1501)505		
and Deschamps, M., Design of a Large		West, C.H., see Rudin, H.	14 (1987) 1
Distributed Information System	14 (1987)123	Wilkin, L., see Van Binst, P.	14 (1987)119
Sutherland, E. and Morieux, Y.V.H., Manag-		Woodcock, A., Towards the Application of	
ing Telecommunications	14 (1987)259	OSI Standards	14 (1987)291
T'Hooft, G., Formal Description Techniques:		Yavatkar, R., see Comer, D.	14 (1987)383

## Subject Index to Volume 14

Abstract Syntax	14 (1987) 297	Digital Networks	14 (1987) 339
Access Windows	14 (1987) 305	Digital PABX	14 (1987) 359
Activity (Work Activity)	14 (1987) 231	Digital Transmission	14 (1987) 359
Additional Packet Mode	14 (1987) 339	Directory Service	14 (1987) 339
Administration	14 (1987) 267	Discourse	14 (1987) 147
Alienation	14 (1987) 267	Dissipative Structures	14 (1987) 271
Architecture	14 (1987) 61	Distributed Processing	14 (1987) 373
ASN.1	14 (1987) 297	Distributed Systems	14 (1987) 3
Asynchronous Transfer Mode	14 (1987) 339	Distribution List	14 (1987) 339
Authentication	14 (1987) 389	Driver Information	14 (1987) 167
Backbone Network	14 (1987) 373	Economic Aspects	14 (1987) 365
Basic Encoding Rules	14 (1987) 297	Electronic Data Interchange	14 (1987) 339
Basic ISDN Access	14 (1987) 339	Electronic Filing	14 (1987) 279
Bearer Services	14 (1987) 339	Electronic Funds Transfer	14 (1987) 389
Broadband ISDN	14 (1987) 339	Electronic Letter Service	14 (1987) 339
Broadcast Network	14 (1987) 373	Electronic Mail	14 (1987) 137, 147, 279, 283
Bulletin Board Systems	14 (1987) 137	Encoder/Decoder	14 (1987) 297
•		Enhanced Services	14 (1988) 339
Call Motives	14 (1987) 207	Entropy	14 (1987) 271
CCITT	14 (1987) 339	Entry Cost	14 (1987) 179
Circuit-switching	14 (1987) 159	Epistemology	
Collective Work (Collective Dimens		Ergonomics	14 (1987) 271
Work)	14 (1987) 231	ESPRIT	14 (1987) 167, 187, 283
Communicating Word Processor	14 (1987) 283	Estelle	14 (1987) 323
	37) 61, 207, 237, 251, 279	External Control	14 (1987) 3, 311
Communication Analysis	14 (1987) 199	External Control	14 (1987) 267
Communication Model	14 (1987) 231		
Communication Protocols and Services		FAPL	14 (1987) 61
Communication Systems	14 (1987) 187	Fast Packet Switching	14 (1987) 339
Communications Network	14 (1987) 167	Feedback	14 (1987) 147
Compac	14 (1987) 159	Fiber Optics	14 (1987) 373
Comparison between ISDN and De		File Transfer Protocol	14 (1987) 311
Data Networks	14 (1987) 331	Finite-state Machines	14 (1987) 61
Computer Conferencing	14 (1987) 137	Flexibility	14 (1987) 245
Computer Networks	14 (1987) 137	Formal Definition	14 (1987) 61
Computer-mediated Communication	14 (1987) 147	Formal Description Technique	14 (1987) 3, 25, 61, 311
Concurrency	14 (1987) 61	Formalisation	14 (1987) 187
Concurrent Languages	14 (1987) 25	Format	14 (1987) 61
Conference	14 (1987) 167	Forms Class Terminal Service	14 (1987) 305
Conformance Testing	14 (1987) 79	Frame Relaying	14 (1987) 339
Corporation for Open Systems (COS)	14 (1987) 291	France	14 (1987) 167
Corporation for Open Systems (COS)	14 (1987) 291	Freedom of Movement in Reading	
D-Channel Protocol	14 (1987) 339	Full Screen Handling	14 (1987) 305
Data Communication	14 (1987) 159, 339, 359	Functional Aspects	14 (1987) 365
Data Transmission	14 (1987) 155	Functional Requirements	14 (1987) 123
		Functional Standards	14 (1987) 291
Database Management	14 (1987) 155	Future Media	14 (1987) 155
Datagrams	14 (1987) 383		
Decision Making	14 (1987) 259	German ISDN Planning	14 (1987) 331
Decision Support Systems	14 (1987) 221	Global Office	14 (1987) 251
Department Computer	14 (1987) 199	Group 4 Facsimile	14 (1987) 155
Destructuring the News Item Dialogue	14 (1987) 179 14 (1987) 147	<b>Group Communication</b>	14 (1987) 339
	(,	Hidden Costs	14 (1987) 365
North-Holland			14 (1987) 339
	14 (100T) 402 40T	High Layer Capabilities	
Computer Networks and ISDN System	ns 14 (1987) 403-407	Holiday Peak Periods	14 (1987) 167

Industrial Structures	14 (1987) 389 14 (1987) 339 14 (1987) 155  14 (1987) 155  14 (1987) 123 14 (1987) 187  87, 199, 231, 279, 359 14 (1987) 267 14 (1987) 267 14 (1987) 325, 79, 291 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 231, 245 14 (1987) 231 14 (1987) 251 14 (1987) 251 14 (1987) 259 14 (1987) 253 14 (1987) 339  14 (1987) 339
I-Series Recommendations	14 (1987) 155  14 (1987) 187  14 (1987) 123  14 (1987) 187  87, 199, 231, 279, 359  14 (1987) 267  14 (1987) 3, 25, 79, 291  14 (1987) 167, 183  14 (1987) 231, 245  14 (1987) 231, 245  14 (1987) 221  14 (1987) 239  14 (1987) 339  14 (1987) 339  14 (1987) 339
Implet	14 (1987) 123 14 (1987) 187 87, 199, 231, 279, 359 14 (1987) 267 14 (1987) 267 4 (1987) 3, 25, 79, 291 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 279 14 (1987) 279 14 (1987) 251 14 (1987) 251 14 (1987) 231 14 (1987) 339
Implet	14 (1987) 123 14 (1987) 187 87, 199, 231, 279, 359 14 (1987) 267 14 (1987) 267 4 (1987) 3, 25, 79, 291 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 279 14 (1987) 279 14 (1987) 251 14 (1987) 251 14 (1987) 231 14 (1987) 339
Implet	14 (1987) 187 87, 199, 231, 279, 359 14 (1987) 267 14 (1987) 267, 291 14 (1987) 32, 25, 79, 291 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 279 14 (1987) 251 14 (1987) 251 14 (1987) 251 14 (1987) 253 14 (1987) 339 14 (1987) 339
Individual Habits	87, 199, 231, 279, 359 14 (1987) 267 14 (1987) 267 14 (1987) 3, 25, 79, 291 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 231, 245 14 (1987) 221 14 (1987) 221 14 (1987) 23 14 (1987) 339 14 (1987) 339
Industrial Structures Inference Inference Inference Information Flow Analysis Information Systems Information Theory Information Theory Information Network Integrated Information Network Integrated Information Network Inter-networking Interaction Internal Coherence Internal Control Internet Protocols Internet Protocols Interpersonal Messaging Service ISDN Id (1987) 155, 323, 339, 359 Interpersonal Messaging Service Isob Autonomy Id (1987) 267 Job Autonomy Id (1987) 267 Internal Computers Internal Computer Internal Control Internet Protocols Interpersonal Messaging Service Internal Control Internet Protocols Interpersonal Messaging Service Internal Computer Internal Control Internet Protocols Interpersonal Messaging Service Internate Protocols Interpersonal Messaging Impact Organization Organization Organization of Work Organization Organization Organization Organization Organization Organization Impact Organization Organization Organization Impact Organization Organization Interpersonal Figure Programization Organi	14 (1987) 267 14 (1987) 267 4 (1987) 3, 25, 79, 291 14 (1987) 339 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 279 14 (1987) 221 14 (1987) 23 14 (1987) 339 14 (1987) 339
Inference	14 (1987) 267 4 (1987) 3, 25, 79, 291 14 (1987) 339 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 279 14 (1987) 221 14 (1987) 29 14 (1987) 339 14 (1987) 339
Information Flow Analysis	4 (1987) 3, 25, 79, 291 14 (1987) 339 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 271 14 (1987) 221 14 (1987) 221 14 (1987) 259 14 (1987) 79, 123, 323 14 (1987) 339 14 (1987) 339
Information Systems	14 (1987) 339 14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 279 14 (1987) 279 14 (1987) 259 14 (1987) 79, 123, 323 14 (1987) 339 14 (1987) 339
Information Theory   14 (1987) 271   Organization	14 (1987) 167, 183 14 (1987) 231, 245 14 (1987) 279 14 (1987) 221 14 (1987) 259 14 (1987) 79, 123, 323 14 (1987) 339 14 (1987) 339
Informational Process   14 (1987) 237   Organization of Work	14 (1987) 231, 245 14 (1987) 279 14 (1987) 221 14 (1987) 251 14 (1987) 253 14 (1987) 339 14 (1987) 339
Integrated Information Network   14 (1987) 237   Organizational Impact	14 (1987) 279 14 (1987) 221 14 (1987) 259 14 (1987) 79, 123, 323 14 (1987) 339 14 (1987) 339
Inter-networking	14 (1987) 221 14 (1987) 259 14 (1987) 79, 123, 323 14 (1987) 339 14 (1987) 339
Interaction	14 (1987) 259 14 (1987) 79, 123, 323 14 (1987) 339 14 (1987) 339
Internal Coherence	14 (1987) 79, 123, 323 14 (1987) 339 14 (1987) 339
Internal Control	14 (1987) 339 14 (1987) 339
Internet Protocols	14 (1987) 339
Interpersonal Messaging Service   14 (1987) 339   Packet Handler	
ISDN 14 (1987) 155, 323, 339, 359 Packet Switch Packet Switching 1  Job Autonomy 14 (1987) 267 Parallel Processing Personal Computer Phone Consumption  Key Management 14 (1987) 389 Physical Deliervy Service Fixowledge Based Systems 14 (1987) 221 Presentation Context Fixowledge Communication Uncertainty 14 (1987) 221 Presentation Layer Press Telecommunication	
Packet Switching 1  Job Autonomy 14 (1987) 267 Parallel Processing  Job Task 14 (1987) 267 Personal Computer Phone Consumption  Key Management 14 (1987) 389 Physical Deliervy Service  Knowledge Based Systems 14 (1987) 221 Potential Users  Knowledge Communication 14 (1987) 221 Presentation Context  Knowledge Communication Uncertainty 14 (1987) 221 Presentation Layer  Press Telecommunication	
Job Autonomy 14 (1987) 267 Parallel Processing  Job Task 14 (1987) 267 Personal Computer Phone Consumption  Key Management 14 (1987) 389 Physical Deliervy Service  Knowledge Based Systems 14 (1987) 221 Potential Users  Knowledge Communication 14 (1987) 221 Presentation Context  Knowledge Communication Uncertainty 14 (1987) 221 Presentation Layer  Press Telecommunication	14 (1987) 383
Job Task  14 (1987) 267  Personal Computer Phone Consumption Physical Deliervy Service Knowledge Based Systems  Knowledge Communication Knowledge Communication Uncertainty  14 (1987) 221  Presentation Context Presentation Layer Press Telecommunication	4 (1987) 159, 339, 373
Key Management 14 (1987) 389 Physical Deliervy Service Knowledge Based Systems 14 (1987) 221 Potential Users Knowledge Communication 14 (1987) 221 Presentation Context Knowledge Communication Uncertainty 14 (1987) 221 Presentation Layer Press Telecommunication	14 (1987) 61, 373
Key Management 14 (1987) 389 Physical Deliervy Service Knowledge Based Systems 14 (1987) 221 Potential Users Knowledge Communication 14 (1987) 221 Presentation Context Knowledge Communication Uncertainty 14 (1987) 221 Presentation Layer Press Telecommunication	14 (1987) 199
Knowledge Based Systems  Knowledge Communication  14 (1987) 221  Potential Users  Presentation Context  Presentation Layer  Press Telecommunication	14 (1987) 207
Knowledge Communication 14 (1987) 221 Presentation Context Knowledge Communication Uncertainty 14 (1987) 221 Presentation Layer Press Telecommunication	14 (1987) 339
Knowledge Communication Uncertainty 14 (1987) 221 Presentation Layer Press Telecommunication	14 (1987) 331
Press Telecommunication	14 (1987) 297
	14 (1987) 297
LAN Costs 14 (1987) 365 Private Automatic Branch Exchange (PA)	(1987)155
	BX) 14 (1987) 199
Language 14 (1987) 61 Production Control	14 (1987) 237
Laser Printing 14 (1987) 155 Productivity	14 (1987) 199
Link Level Protocol 14 (1987) 383 Promoting Conference for Open Sys	tems
Local Area Network (LAN) 14 (1987) 199, 365, 373, 383 (POSI)	14 (1987) 291
Logical Position 14 (1987) 179 Protocol	14 (1987) 61, 79
Protocol Specification	14 (1987) 25
Mailbox 14 (1987) 323, 339 Public Institution	14 (1987) 267
Man-machine Interface 14 (1987) 123	
Management 14 (1987) 259, 279 Quality of the News	14 (1987) 179
Manufacturing Automation Protocols (MAP) 14 (1987) 291	
Market Research 14 (1987) 179 Reference implementation	14 (1987) 61
Message Handling Systems 14 (1987) 137, 339 Relational Model	14 (1987) 271
Message Store 14 (1987) 339 Requirements	14 (1987) 123
Message Transfer Service 14 (1987) 339	
Message-switching 14 (1987) 159 S Interface	14 (1987) 339
Meta-implementation 14 (1987) 61 Scientism	14 (1987) 271
Methodology 14 (1987) 187 Selection Criteria	14 (1987) 365
Migration 14 (1987) 323 Self-organization	14 (1987) 271
Mixed-mode Transmission 14 (1987) 155 Sequence (Traditional Sequence)	14 (1987) 179
MMI 14 (1987) 123 Services	14 (1987) 339
Model for Information Flow 14 (1987) 237 Smart Card	14 (1987) 389
MOTIS 14 (1987) 137 SNA	14 (1987) 61
Motorways 14 (1987) 167 Social Determinants	14 (1987) 207
Multiple-Source Information Fusion 14 (1987) 221 Sociocybernetics	14 (1987) 271
Software and Logical Structure Relations	
Neguentropy 14 (1987) 271 Space-time Characteristics	14 (1987) 207
Network 14 (1987) 339 Specific Language	14 (1987) 179
Network Choice 14 (1987) 365 Specification Language	
Network Management 14 (1987) 323 Standards	14 (1987) 3, 25, 311

Standards Promotion and Application Gr	roup	Traffic Management System	14 (1987) 167
(SPAG)	14 (1987) 291	Transdisciplinary Methodology	14 (1987) 271
Structure	14 (1987) 179	Transfer Syntax	14 (1987) 297
Subscriber Access	14 (1987) 339	Tree Logic	14 (1987) 179
Systems Analysis	14 (1987) 365	Trends	14 (1987) 339
Tariffs	14 (1987) 331	User Interface	14 (1987) 283
Task Description	14 (1987) 187	User-Network Interface	14 (1987) 339
Technical and Office Protocols (TOP)	14 (1987) 291	Users Representation	14 (1987) 245
Technological Aspects	14 (1987) 365		
Telecommunication	14 (1987) 207, 259	Value Added Services	14 (1987) 339
Telecommunication Networks	14 (1987) 339	Video Communication	14 (1987) 339
Telecommunication Policy	14 (1987) 245	Video Page	14 (1987) 179
Teleconference	14 (1987) 231	Videotex	14 (1987) 179
Telematics	14 (1987) 245	Virtual Terminal	14 (1987) 323
Teleservices	14 (1987) 339	Virtual Terminal Protocols	14 (1987) 305
Teletex	14 (1987) 283	Voice Mail	14 (1987) 339
Terminal Management	14 (1987) 305		
Test Methods	14 (1987) 79	Work Analysis	14 (1987) 187
Test Suite Design	14 (1987) 79	Workstation	14 (1987) 199
Text Mail	14 (1987) 339		
To Read Critically	14 (1987) 179	X.25	14 (1987) 339
Traffic Control	14 (1987) 167	X.25 Networks	14 (1987) 159
Traffic Data Processing	14 (1987) 167	X.400	14 (1987) 123, 137, 323
Traffic Information Displays	14 (1987) 167	X.400-Series Recommendations	14 (1987) 339